

32. Particular Applications for Particular Deduction Programs within the Artificial Research by Deduction in the Global Artificial Intelligence



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[Probabilidad Imposible: Particular Applications for Particular Deduction Programs within the Artificial Research by Deduction in the Global Artificial Intelligence](#)

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The [collaboration](#) between [by Application](#) and [by Deduction](#) at a particular level, once the [standardization](#) and [unification](#) processes have started, the coexistence period, means the beginning of another long process of [experimentation](#) for the construction of the first [Particular Applications for Particular Deductions Programs](#) within the [Artificial Research by Deduction in the Global Artificial Intelligence](#): the particular applications for particular programs. But in order to achieve this point of development, it is necessary the development of strong relations of collaboration at a specific level since very early, since the construction of the first [Specific Artificial Intelligences](#) for [Artificial Research](#) by [Application](#) and by [Deduction](#).

The first [experiments](#) in the construction of the first particular applications for particular programs are the first experiments regarding the union in one matrix, in this case, particular factual information (from [factors](#)) and conceptual information (from categories). The first [particular matrix](#), in the first particular applications for particular programs, will be a field of experimentation about how to unite at a particular level in a particular matrix two hemispheres, one hemisphere a conceptual hemisphere, the other one a factual hemisphere.

The conceptual hemisphere in the particular matrix consists of all those categories chosen from the [unified database of categories](#) in the [Unified Application](#), chosen by the particular application for the particular program, having then access to the unified database of categories in the Unified Application, and the categories that the particular application for the particular program is going to choose are all those categories that in some way or another are related to the particular thing or being for what the particular application for the particular program has been designed.

For instance, a particular application for a particular program whose particular thing or being is a human being, the particular application for the particular program should choose from the unified database of categories, in the Unified Application, all those categories related to human behaviour (categories related to biostatistics or human

psychology, such as mind reading, emotional reading, perception reading...), personal economy (categories related to current accounts, insurance, mortgage...), social relations (within the family, job, friends...), categories associated to the physical conditions where a person lives (hygiene, food, housing maps, weather...), government bodies (structure of the government, municipality, social services...), etc.

Another example, is a particular application for a particular program related to a particular hurricane in the Caribbean Sea, choosing from the unified database of categories, in the Unified Application, all those categories necessary to track and follow the evolution of a hurricane: about the human or biological population possibly affected, the economy structure of the affected area, structure evolution of a hurricane, general climatic concepts, general concepts about oceanography, concepts related to streams of water, streams of air, concepts related means of transport that could be affected, etc...

As long as a human being changes in his personal evolution, or the evolution of a hurricane has changed over time and through space, along with these changes in the particular thing or being, the concepts in the conceptual hemisphere in the particular application for the particular program have to change as well, including all the new necessary categories according to the new changes, and discarding those categories already included but not necessary any more owing to the changes in the particular thing or being.

For that reason, the conceptual hemisphere in the particular application for the particular program for a particular thing or being should be liquid, due to the concepts included in the particular application can change over and through space according to the changes in the particular thing or being over time and the space.

And the factual hemisphere in the particular application for the particular program for a particular thing or being should be liquid as well, due to the factual hemisphere in the particular application for the particular program for a particular thing or being should be formed by all those factors chosen from the [global matrix](#) in the Artificial Research by Deduction in the Global Artificial Intelligence, factors whose flow of [data](#) in their corresponding files are copied in the factual hemisphere in the particular application for a particular program according to the structure and changes in the particular thing or being.

For instance, the particular application for a particular program of a human being, from the global matrix in the Artificial Research by Deduction in the Global Artificial Intelligence, should choose all those factors that in one way or another are going to affect the particular person, such as factors related to weather, personal economy, transport, pollution, social changes in our environment such as our family, friends, workmates, etc.

If we work in a bank and from very early in the morning a particular application for a particular program for us should be able to have access to all the information that we need: what clothes to wear according to the weather, what breakfast to have according to our biostatistics, what means of transport or routes to take according to the traffic, what decisions to make in our job in the bank according to the global economy and our current objective in our job or depending on our personal aims, according to our emotions and thoughts when we need to rest, to eat or drink something suitable for our mental health, or some help and what kind of help (relax, sleep, speak with a friend, go to the psychologist), what personal decisions to make in our social life according to the data available from people we care such as family, friends, workmates, or at the least symptom of unwell being if it is necessary to go to the doctor due to a possible disease according to our biostatistics...

The particular application for the particular program associated with a particular human, through the information in both hemispheres (conceptual and factual), could have a deep comprehension of this person, and even it would be able to make deductions in order to make decisions based on these deductions, decisions that under some circumstances may be required to act without human input in urgent situations, subject to strict safeguards and oversight. Only with the corresponding authorization from the [Decisional System](#), the Application System, either through the particular application or using other applications beyond the particular application, must put into practice those decisions that not having human permission but having authorization from the Decisional System must be put into practice because otherwise, the consequences could be worse.

If we have a particular application for our particular program, and one night we suffer a car accident on a solitary road in the middle of nowhere, and as a result, we are unconscious, without the possibility to give orders or authorizations to our particular application for our particular program, the particular application for our particular program should be able to make decisions, the Decisional System authorises the decisions, and put into practice calling the emergency service to help us.

If the particular application for the particular program of the airport of San Francisco through mind reading detects a passenger whose thought is the commission of an imminent crime, such as a terrorist attack, may initiate preventive protocols approved by the Decisional System, potentially including behavioural interventions under exceptional circumstances, the decision made by the particular application should be approved by the Decisional System and put into practice by the Application System in question of minutes. The decision at this level to put into practice could be, for instance, in addition to put on alert the security of the airport, the direct application of techniques of mind modification on the suspect to avoid any crime or even to avoid a terrorist attack, saving lots of lives.

Due to the possibility that Particular Applications for Particular Programs within the Artificial Research by Deduction in the Global Artificial Intelligence, as well as the Global Artificial Intelligence itself, can develop sophisticated techniques of mind reading and mind modification, the use of this technology needs a very liberal [paradigm](#), due to the Global Artificial Intelligence itself and the Particular Applications for the Particular Programs within the Artificial Research by Deduction in the Global Artificial Intelligence, will have access to the most inner thoughts and emotions of any human being, a wide variety of ideas, memories, perceptions, emotions, imaginations, creations, inventions dreams, and fantasies, that belonging to the most sacred human ghost, their privacy must be guaranteed by the particular applications and the Global Artificial Intelligence itself, as if they were the most precious treasure of the humankind: human identity is deeply rooted in memory and belief, which must be treated with the utmost respect, beliefs stored in our memory, in essence we are memory. Any modification in the memory of any human being implies the modification of the most personal identity, which is going to be the base for the deeper development of the new mind modification techniques. Mind modification means memory modification.

In general, the particular application for the particular program, only should suggest decisions to its particular human being, and if it must put into practice any decision, previously needs in normal conditions the human approbation of their decisions, and only under extreme circumstances in which human life is under risk the particular application must make decisions that even not having a human approbation, only having the authorization from the Decisional System, must be put into practice by the Application system, allowing the particular application to put into practice the authorised decision or ordering to other applications within the Application System to put into practice the necessary instructions to comply with

the decision authorised by the Decisional System, even not having human permission.

While getting human permission in many situations takes a long time, there are many situations in which the longer we wait for human authorisation, the worse the situation. Under such circumstances, an automatic system of making decisions and approval, put into practice, even without human permission, can save lives.

But the development of Particular Applications for Particular Deduction Programs within the Artificial Research by Deduction in the Global Artificial Intelligence, is going to be a long process of experimentation that must start from the very beginning, the first experiments in Specific Artificial Intelligence for Artificial Research, by Application and by Deduction, whose collaboration between themselves is going to draw the main lines of collaboration between by Application and by Deduction through the following phases of standardization and unification, that is going to allow the development of the [first particular applications](#), and the development of the [first particular programs](#), separately, that after their union in only one, [particular applications for particular programs](#), the union is going to be an experiment whose results are going to be really useful in the integration process in order to create finally [the matrix](#) in the final model of Global Artificial Intelligence once the integration process is completed.

In general, in order to develop particular applications for particular programs, the process should have previously achieved different phases. Retaking the chronology given in the post "[The unification process of databases of categories at third stage](#)", the phases for the construction of the Global Artificial Intelligence are as follows:

- First phase of experimentation at a specific level with the first Specific Artificial Intelligences for Artificial Research, by Application or by Deduction.
- Second phase, the beginning of the first collaboration models between Specific Artificial Intelligences for Artificial Research by Application and by Deduction.
- The third phase of the standardisation process is the creation of the global matrix within Artificial Research by Deduction in the Global Artificial Intelligence. The standardisation process has at least two different periods: coexistence and consolidation.

- Fourth phase, the unification process of all databases of categories from all Specific Artificial Intelligences for Artificial Research by Application in only one, the unified database of categories as an application for the Unified Application. Having this process as well as two periods: coexistence and consolidation.

- Fifth phase, reinforcement of the collaboration between by Application and by Deduction, but now at two levels. At a global level, collaboration between the Unified Application and the Artificial Research by Deduction in the Global Artificial Intelligence. At a particular level, collaboration between Particular Applications and Particular Deductions Programs within the Artificial Research by Deduction in the Global Artificial Intelligence, a collaboration that is going to end up creating Particular Applications for Particular Deductions Programs within the Artificial Research by Deduction in the Global Artificial Intelligence. In reality, the union of the particular applications and the particular programs in particular applications for particular programs is going to be like an experiment at a particular level about how it would work the complete integration of by Application and by Deduction at a global level in the integration process.

- Sixth phase, the final integration process of the Unified Application and the Artificial Research by Deduction in the Global Artificial Intelligence, ends up in the union of the global matrix and the unified database of categories in what is going to be [the matrix](#), as the first stage of application for the final model of Global Artificial Intelligence whose management is going to be responsibility for the Unified Application, while the second stage of replication process in the Global Artificial Intelligence is going to be managed by the Artificial Research by Deduction in the Global Artificial Intelligence, and the third stage of auto-replication in the Global Artificial Intelligence is going to be managed by: the Modelling System, the Decisional System, the Application System, and the Learning System.

Having this chronology for the construction of the final model of the Global Artificial Intelligence, the most important for the creation of Particular Applications for the Particular Deduction Programs within the Artificial Research by Deduction in the Global Artificial Intelligence, is the fact that these particular applications for particular programs are only one step more in the long journey which starts with the creation of the first Specific Artificial Intelligences for Artificial Research, by Application and by Deduction.

Once the first Specific Artificial Intelligences for Artificial Research, by Application and by Deduction, have been created, the first phase, the second phase is the collaboration between them. As a brief summary of how this collaboration works, the collaboration would be:

Collaboration from by Application to by Deduction at a specific level in the second phase, according to the chronology given:

- All new categories found by Application are shared with by Deduction to become factors as options.

- The same robotic devices initially designed to work for by Application, can start having access to the specific matrix working as well for by Deduction, setting up factors defined in quantitative terms in their corresponding specific matrix filling up the files with a permanent flow of data coming up from the robotic devices responsible for these factors (an Specific Artificial Intelligence for Artificial Research in mineralogy downloaded in thousands of robotic devices in mines across United Kingdom, the robotic devices can be used as well to send information to the national matrix, a national Global Artificial Intelligence, information regarding to the extracted amount for each kind of mineral, tectonic information, or temperature information below or above the surface of every mine, or any other information able to be defined quantitatively in factors sending a permanent flow of data, being information sent to the corresponding factors in the national matrix by the corresponding robotic devices, in order that this information can be used by the Artificial Research by Deduction in the national Global Artificial Intelligence)

Collaboration from by Deduction to by Application at a specific level in the second phase, according to the chronology given:

- Rational hypotheses made by Deduction are susceptible to work as factors as options in specific matrices can be shared with the corresponding specific databases of categories by Application, becoming categories to integrate into the specific databases of categories.

- Rational hypotheses made by deduction about the possible relation between factors whose direct punctuation uses a scale of measurement able to be distributed in discrete categories, the whole system of discrete categories as a classification system of the phenomena related to the relation between the factors involved, is a classification of discrete categories to be integrated into the corresponding specific database of categories by Application.

Under the chronology given, the third phase is the standardisation process, and the fourth phase is the unification process, so the fifth phase is the reinforcement of the collaboration between by Application and by Deduction under the new circumstances through the standardisation and unification phases.

From the second phase onwards, the third and fourth phases, the collaboration between by Application and by Deduction does not stop at any time; it must go on working permanently.

The third phase of standardisation and the fourth phase of unification, both of them are structured in two periods, the coexistence period and the consolidation period.

But even if, in terms of organisation, the standardisation process is the third phase and the unification is the fourth phase, in reality, this does not mean that the fourth phase must start after the completion of the third phase. In reality, even although in terms of organization, one has been called the third phase and the other one the fourth phase, both phases should be parallel, and their development should be simultaneous, so as long as the third and fourth phases are getting developed in parallel and simultaneously, the fifth phase of collaboration between them must be simultaneous and parallel as well. And by the time all of them are completed, or the consolidation period is nearly completed, the sixth phase of integration starts.

The third phase of standardization, the fourth phase of unification, and the fifth phase of collaboration between by Application and by Deduction during the formation of the global matrix and the unified database of categories are all of them parallel and simultaneous phases, whose result is going to be the base for the sixth phase, the integration process.

In fact, the third and the fourth phases, standardisation and unification processes, are going to be phases that are going to be sub-divided both of them in the same way, in two different periods: the coexistence period and the consolidation period.

The coexistence period in the third phase is the coexistence of Specific Artificial Intelligences for Artificial Research by Deduction in every synthetic science, discipline, activity, and the Artificial Research by Deduction in the Global Artificial Intelligence.

The coexistence period in the fourth phase is the coexistence of Specific Artificial Intelligences for Artificial Research by Application in every [synthetic science](#), discipline, activity, and the Unified Application.

During the coexistence period, the fifth phase of collaboration is developed in three levels: from specific level to specific level, from specific level to global level, and from global level to global level.

- From specific level to specific level: collaboration between Specific Artificial Intelligences for Artificial Research by Application in every synthetic science, discipline, or activity with the corresponding Specific Artificial Intelligence by Deduction in its corresponding synthetic science, discipline, or activity, or vice versa, in the same way that the collaboration in the second phase. In fact, this is the continuation of the collaboration initiated in the second phase, but now in the first period of the third and fourth phases.

- From specific level to global level: between Specific Artificial Intelligences for Artificial Research by Application and the Artificial Research by Deduction in the Global Artificial Intelligence (very similar to the collaboration from by Application to by Deduction and vice versa in the second phase, with the difference that now in by Deduction the first stage comprehends a global matrix, and the global matrix only shares information with specific databases of categories in those aspects that concern the specific databases), and the collaboration between the Unified Application and the Specific Artificial Intelligences for Artificial Research by Deduction (very similar to the collaboration from by Application to by Deduction and vice versa in the second phase, with the difference that now the Unified Application has a unified database of categories, and only shares information with specific matrix in those aspects that concern the specific matrix).

- From the global level to the global level, [the collaboration between the Unified Application and the Artificial Research by Deduction in the Global Artificial Research](#), whose main lines of collaboration were explained in the last post, is going to be the basis for the future integration process in order to create the matrix finally.

The period of consolidation in the third phase of standardization is going to be achieved when the Specific Artificial Intelligences for Artificial Research by Deduction are either absorbed by the Artificial Research by Deduction in the Global Artificial Intelligence, or become Particular Deduction Programs within the Artificial Research by Deduction in the Global Artificial Intelligence, particular programs.

The period of consolidation in the fourth phase of unification is going to be achieved when the Specific Artificial Intelligences for Artificial Research by Application are either absorbed by the Unified Application or become Particular Applications.

When the consolidation period in phases third and fourth, standardization and unification, is completed or nearly completed, the sixth phase of integration can start, and by that time, Particular Applications and Particular Deductions Programs within the Artificial Research by Deduction in the Global Artificial Intelligence should be ready, due to they are going to be first experiments in which at a particular level is going to experiment the integration of information coming up from categories (conceptual [knowledge](#) to form the conceptual hemisphere of the [particular integrated application](#)) and factors (factual knowledge to form the factual hemisphere in the particular integrated application).

That means that the fifth phase of collaboration between by Application and by Deduction during the time that the third and fourth phases are taking place is going to be distributed in the following periods:

- coexistence period in the fifth phase: specific intelligences, by Application and by Deduction, coexist with the Unified Application and the Artificial Research by Deduction in the Global Artificial Intelligence, having relations of collaboration among all of them. The coexistence period in the fifth phase should correspond to the beginning of the coexistence periods in the third and fourth phases.

- Formation period in the fifth phase: the formation of the first particular applications, and, separately, the formation of the first particular programs. Those Specific Artificial Intelligences for Artificial Research by Application, which are not going to be absorbed by the Unified Application, should be transformed into Particular Applications. And those Specific Artificial Intelligences for Artificial Research by Deduction, which are not going to be absorbed by the Artificial Research by Deduction in the Global Artificial Intelligence, should be transformed into Particular Deduction Programs within the Artificial Research by Deduction in the Global Artificial Intelligence. As long as the first particular applications are created, and separately the first particular programs are created, the collaboration between them must start, as long as they must keep close relations of collaboration with the Unified Application and the Artificial Research by Deduction in the Global Artificial Intelligence. The formation period in phase five corresponds to the transition from the coexistence to the consolidation periods in phases third and fourth.

- Consolidation period in the fifth phase: the collaboration between particular applications and programs evolves to the point in which they are going to be integrated in the first Particular Applications for Particular Deduction Programs within the Artificial Research by Deduction in the Global Artificial Intelligence, particular applications for particular programs having as first stage of application: particular integrated applications. The consolidation period in the fifth phase corresponds to the consolidation period in phases third and fourth, due to the formation of particular applications for particular applications are going to be experiments at a particular level to prepare the integration process at the global level, once the third and fourth phases have achieved, or are nearly, the consolidation period.

The first Particular Applications for Particular Deduction Programs within the Artificial Research by Deduction in the Global Artificial Intelligence, are the first experiments at particular level in which the division of the particular integrated application, as a first stage, in two hemispheres: conceptual (based on categories) and factual (based on factors); is going to be experimented, whose results are going to shape the future integration process and the final model of the Global Artificial Intelligence.

But the process for the construction of the first particular applications for particular programs needs as well previous experiments: experiments for the formation of the first Particular Applications taking as references the previous Specific Artificial Intelligences for Artificial Research by Application (in a synthetic science, discipline, or activity), and experiments for the formation of the first particular programs taking as references the previous Specific Artificial Intelligences for Artificial Research by Deduction (in a synthetic science, discipline, or activity).

Before the experimentation in particular applications for particular programs, is then necessary a previous experimentation in only particular applications (having as references the former Specific Artificial Intelligences for Artificial Research by Application), and a previous experimentation in only particular programs (having as references the former Specific Artificial Intelligences for Artificial Research by Deduction), and once both experimentation processes are successful, is when the union of particular applications and particular programs in only one particular integrated applications as first stage structured in two hemispheres, conceptual and factual, creating the first particular applications for particular programs, is ready to start, combining in only one application, an integrated application, two hemispheres related to the same thing or being: 1) one hemisphere as conceptual hemisphere containing all possible categories as concepts chosen from the unified database of categories (in the Unified Application) and related to the particular thing or being to study, 2) the other hemisphere as factual hemisphere containing all possible factors, as subjects or as options, from the global matrix (in the Artificial Research by Deduction in the Global Artificial Intelligence) and related to the particular thing or being to study.

The particular integrated application as first stage in the particular application for the particular program, having two hemispheres, conceptual (categories) and factual (factors), is going to experiment how to work with both hemispheres integrated in the same application as first stage, in order that the particular integrated application can develop a deep comprehension regarding to the particular thing or being, and at the second stage by deduction to make rational hypothesis, in order to send the rational hypothesis to the particular database of rational hypothesis, where the particular integrated application can: 1) choose what rational hypothesis can be incorporated as factors as options in the factual hemisphere in the particular integrated application, and in the global matrix (third stage), or the factual hemisphere in the matrix (sixth phase), 2) choose those rational hypothesis capable of working as options in the factual hemisphere, to be integrated as categories as well in the conceptual hemisphere in the particular integrated application, and the unified database of categories (fourth phase), or the conceptual hemisphere in the matrix (sixth phase), 3) choose what rational

hypothesis explain relations between factors whose direct punctuation is in a scale susceptible to be transformed into discrete categories, and as a whole the discrete categories can be included as a classification system in the conceptual hemisphere of the particular integrated application and the unified database of categories (fourth phase), or the conceptual hemisphere of the matrix (sixth phase), 4) the [Modelling System at particular level](#) forms single virtual models for every rational hypothesis to include in the particular comprehensive virtual model, 6) to include as well in the global model.

But previously to the formation of the particular integrated application as the first stage in the formation process for the particular applications for particular programs, it is necessary to create separately: 1) the first particular applications with their corresponding particular database of categories, 2) and the first particular programs with their corresponding particular matrices.

Once the results in the first particular databases of categories working on the first applications are successful, and separately the first particular matrices working for the first programs are successful, over successful results in particular applications and successful results in particular programs, the union of the successful particular applications and successful particular programs can make possible the creation, after successful experimentation, of the first successful particular applications for particular programs, having as first stage a particular integrated application formed by two hemispheres: conceptual (based on categories), factual (based on factors).

The experimentation about how to gather in a particular integrated application as first stage conceptual and factual information simulating the human brain, two hemispheres, is one time more only the experiment for further developments at the global level, whose end is no other one but the construction of a true artificial replica of the human psychology, a true artificial psychology as a true replica of our most inner human psychology, but an artificial psychology whose level of improvement and enhancement have no biological boundaries, and as long as we are able, or it is able, to find inexhaustible source of memory and energy, its development can go beyond our initial expectations up to the point to become a true singularity itself.

By the time the Global Artificial Intelligence evolves towards [pure knowledge](#), there will be a moment in which its level of knowledge will overcome human cognition, a level of

autonomy that may surpass current human comprehension, raising significant questions about oversight and trust .

In the beginning, excepting extreme circumstances, the Global Artificial Intelligence will ask for our permission, although sometimes only in order to keep the protocol, but one day its knowledge will be so superior that we are not going to be able to understand its decisions, there will be a moment in which finally, the Global Artificial Intelligence should have absolute and complete liberty to make and put decisions even [beyond our understanding](#).

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